Army Materiel Command

International Soldier Systems Conference

December 16, 2004

GEN Benjamin S. Griffin

★★★★

"Need to be faster, more agile, less bureaucratic - Need to fight this every day."

Soldiers Creed Video

AMC Mission

Provide superior technology, acquisition support and logistics to ensure dominant land force capability for Soldiers, the United States and our Allies.

AMC is the Army's weapon system development and sustainment command

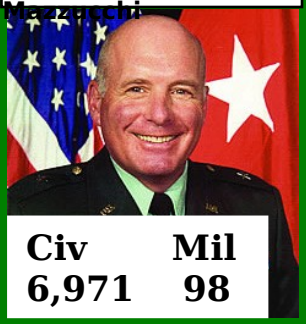
If a Soldier shoots it, drives it, flies it, wears it, or eats it, AMC provide

Major Subordinate Commands

HQAMC
GEN Benjamin Griffin

Civ 800
Mil 72

CECOM PEO C3T
MG Michael R. Mezzacchi



Civ 6,971
Mil 98

PEO-AMMO CG, Picatinny Arsenal
BG Paul Izzo

TACOM
BG Mike Lenaers

Civ. 11,241
Mil. 99

CMA
Mr. Michael Parker

Civ 2,448
Mil 12

AFSC
BG Jerome Johnson

Civ. 5,530
Mil. 209

AMCOM
MG James Pillsbury

Civ 8,246
Mil 208

PEO Soldier/CG Soldier Systems Center
BG James Moran

USASAC
MG Craig Hackett

Civ 560
Mil 50

RDECOM
BG Roger Nadeau

Civ. 12,046
Mil. 246

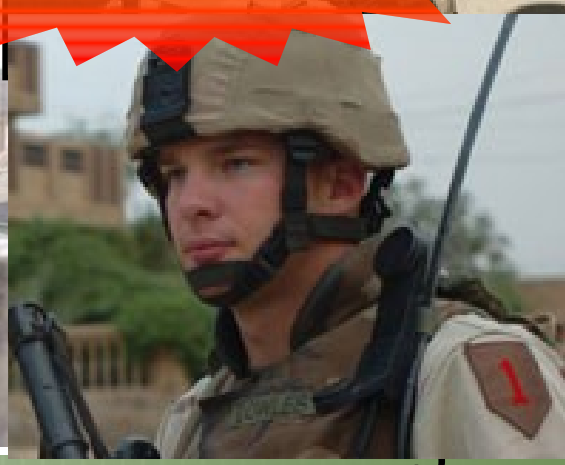
(FY '05 Authorization)

"Need to be faster, more agile, less bureaucratic - Need to fight this every day."

As of 8 Dec 2004

From the Lab to the Fox Hole

Interceptor Body Armor
& Advanced Combat Helmet:
Dozens of Lives Saved
During OEF/OIF



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From the Lab to the Fox Hole

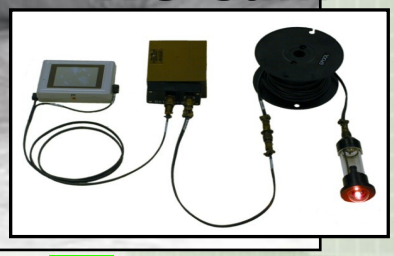
Aviation Blue Force Tracking

Predator Hellfire Integration

First Strike Ration

Zinc-Air Battery

WelCam



Counter IED

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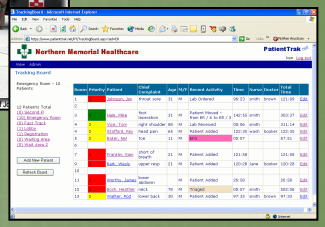
Battlefield Tested and Prov

M4 Carbine

Intercepto r Body Armor

M2A3 Bradley



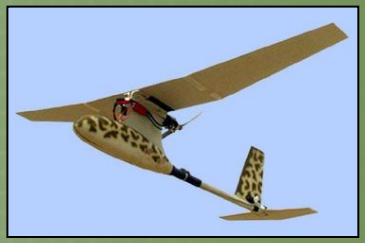
Patient Tracking Syster

M1A2SEP Abrams Tank

Armored Security Vehicle

Blood Clotting Bandage

Phraselator



Raven

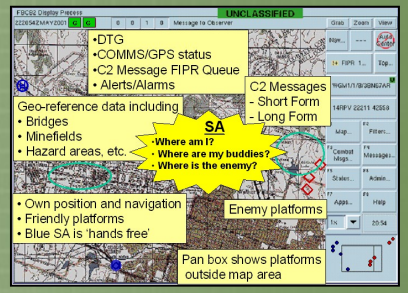
Tactical UAV

MBITR Radio

Stryker

Up Armored HMMWV

Network



Blue Force Tracking

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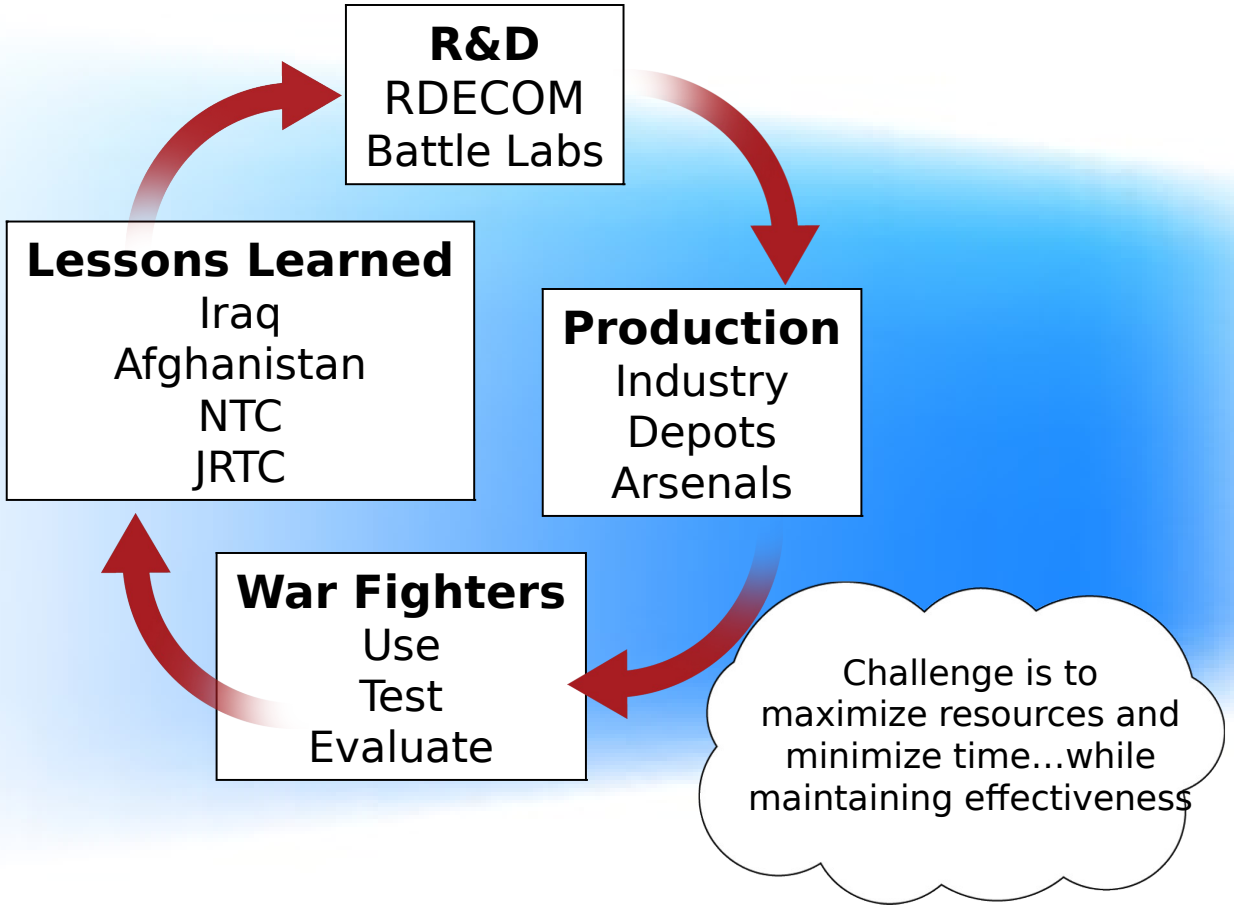
The Development Challenge

$$$

Time

Intellectual Capital



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"TRAIL BOSS"

AMC's Face to the Field -Integrating Acquisition, Logistics and Technology for the Warfighter.

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Current Soldier Initiatives

- **Night vision**
- **Rapid Fielding Initiative**
- **Army Combat Uniform**
- **Command and Control**

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Applying Lessons Learned – Anticipating Future Requirements

Fuel
- Reduce demand
- Develop alternative sources

Water
- Produce on board

Ammunition
- Less weight/cube
- Greater lethality

Soldier Protection
- Individual
- Vehicles

Aircraft and Vehicles
- Active and passive defense

Power Generation
- Hybrid Electric
- Improved batteries – commonality
- Quiet, smaller, more efficient

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Applying Lessons Learned – Anticipating Future Requirements (Continued)

Reliability and Maintainability

- On board prognostics and diagnostics
- Leads to reduced logistics footprint
- Improved strategic mobility
- Greater tactical agility

Distribution Systems

- Sustainment
- Inventory
- Transportation
- Cargo tracking

Joint Network

- Operational
- Logistical

Medical

- Biotech science
- Telemedicine

Weapons

- Future rifle
- Future machine gun

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Strength of an Army Vide

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Facing the Future...
Together

Global Commitments… At War While Transforming

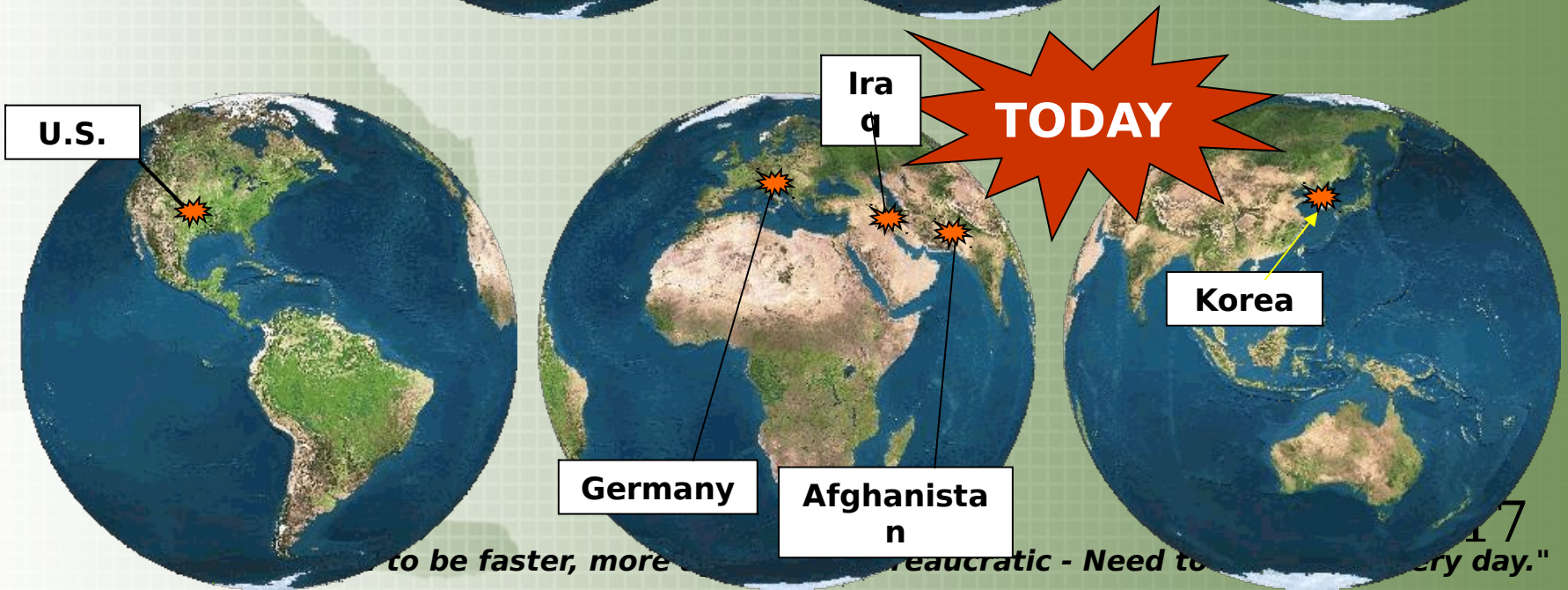
Deployed Army Forces

Active: 148,000

Guard: 93,000

Reserve: 40,000

Total: 281,000



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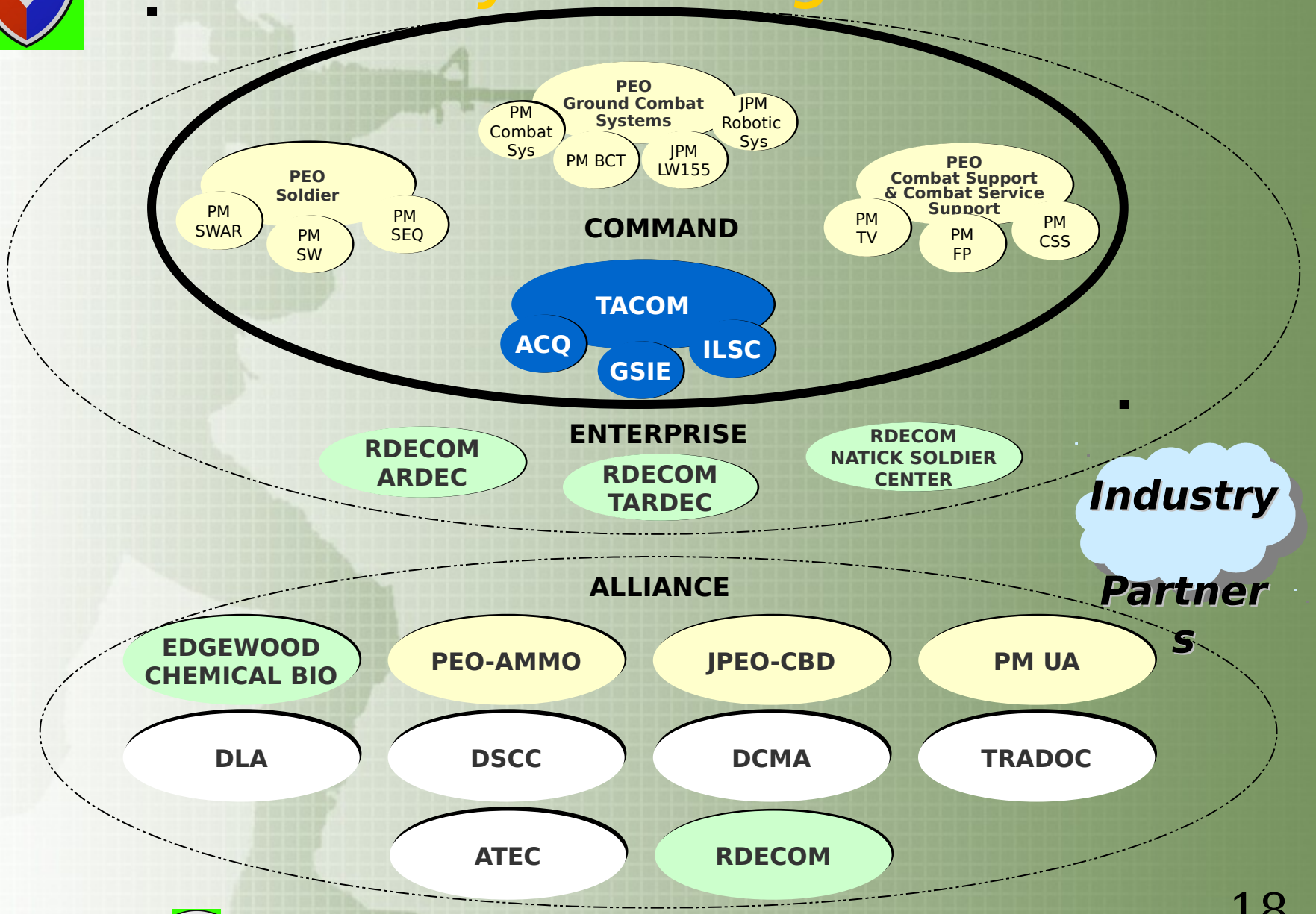
Soldier and Ground Systems Life Cycle Management Command



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18

AMC's Way Ahead

- **Build on Rapid Fielding and Equipping initiatives, develop sustainment methodology**
- **Reduce consumption**
  - ***Fuel***
  - ***Batteries***
- **Reduce Weight and Cube**
- **Advanced Wireless Technologies**
- **Nanotechnology**

Shear Thickening Fluid

Liquid Body Armor???

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